

THE INVENTION CLAIMED IS:

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1. A method of receiving a signal on a receive path of a receiver, said method comprising the step of:
injecting a desensitization signal into said receive path to raise the noise level of said receive path relative to said signal level.

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2. The method of claim 1 further including the step of:
amplifying said signal on said receive path with an amplifier; and
wherein said step of injecting further includes:
injecting said desensitization signal into said receive path after said amplifier.

3. The method of claim 1 further including the step of:
providing a noise source as said desensitization signal.

4. The method of claim 1 further including the step of:
providing a continuous wave signal as said desensitization signal.

5. The method of claim 1 further including the step of:
modulating a continuous wave signal using a modulating signal source to produce a modulated desensitization signal as said desensitization signal.

6. The method of claim 5 wherein said step of modulating including the steps of:
providing said continuous wave signal to an I/Q modulator;
providing I and Q signals from said modulating signal source; and
modulating by said I/Q modulator said continuous wave signal using said I and Q signals to produce said modulated desensitization signal.

7. The method of claim 5 wherein said step of modulating including the step of:
mixing said continuous wave signal with a modulating signal from said modulating signal source to produce said modulated desensitization signal.

1 8. The method of claim 5 wherein said step of modulating including the steps of:
2 providing said continuous wave signal to an adjustable attenuator;
3 providing a modulating signal to said adjustable attenuator; and
4 attenuating by said adjustable attenuator said continuous wave signal using said
5 modulating signal to produce said modulated desensitization signal.

1 9. The method of claim 1 further including the step:
2 attenuating said desensitization signal prior to said step of injecting.

1 10. The method of claim 1 wherein said step of injecting further including the step
2 of:
3 coupling said desensitization signal onto said receive path.

Sub 92
1 11. A receiver having a receive path for receiving a signal, said receiver
2 comprising:
3 a desensitization signal source that is capable of producing a desensitization signal on
4 a desensitization signal path ; and
5 a coupler connected to said desensitization signal path and said receive path and
6 injects said desensitization signal into said receive path to raise the noise level on said receive
7 path relative to the signal level.

Sub 717
1 12. The receiver of claim 11 wherein said desensitization signal source comprises a
2 noise source producing a noise signal on said desensitization path.

1 13. The receiver of claim 11 wherein said desensitization signal source comprises
2 a continuous wave signal source producing a continuous wave signal on said desensitization
3 path.

1 14. The receiver of claim 11 further comprising:
2 a continuous wave signal source producing a continuous wave signal;
3 a modulating signal source producing at least one modulating signal; and
4 a modulator receives said continuous wave signal and said at least one modulating
5 signal and modulates said continuous wave signal using said at least one modulating signal to

6 produce a modulated desensitization signal as said desensitization signal.

1 15. The receiver of claim 11 further comprising:
2 an attenuator on said desensitization signal path receives and adjusts the level of said
3 desensitization signal on said desensitization signal path.

1 16. The receiver of claim 11 further comprising:
2 an amplifier on said receive path; and
3 said coupler located on said receive path after the output of said amplifier.

1 17. The receiver of claim 11 wherein said communication signal on said receive
2 path being in the form of a digitized I/Q signal at a baseband frequency, said desensitization
3 signal source producing a pseudo-random noise sequence as said desensitization signal; and
4 said coupler summing said pseudo-random noise sequence with said digitized I/Q signal to
5 desensitize said receiver.

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